Title (en)
IC motor exhaust gas treatment unit

Title (de)
Abgasnachbehandlungseinheit einer Brennkraftmaschine

Title (fr)
Unité de traitement de gaz d'échappement d'un moteur à combustion interne

Publication
EP 2228521 A1 20100915 (EN)

Application
EP 10155872 A 20100309

Priority
IT TO20090170 A 20090309

Abstract (en)
An IC motor exhaust gas treatment unit, comprising a housing (13) equipped with an inlet opening (15) and an outlet opening (17), for the entrance and the evacuation of the exhaust gases, respectively, a filter (DPF), a catalyser (SCR) and a transfer duct (35) for transferring the exhaust gas from said filter to said catalyser and associated with means (37) for introducing a mixture of reducing substance being hosted within said housing, said transfer duct (35) being substantially "U" shaped and having defined therein a first rectilinear longitudinal section (35a), a second transversal connection section (35b) and a third rectilinear section (35c) parallel to the first section (35a), wherein said first section (35a) and said second section (35b) extend over substantially the whole length and the whole width, respectively, of the housing (13).

IPC 8 full level
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Citation (applicant)
• EP 1054722 A1 20001129 - JOHNSON MATTHEY PLC [GB]
• WO 2009024815 A2 20090226 - EMCON TECH GERMANY A GMBH [DE], et al

Citation (search report)
• [X] WO 2009024815 A2 20090226 - EMCON TECH GERMANY A GMBH [DE], et al
• [A] US 2009019842 A1 20090122 - SUZUKI YASUKO [JP], et al

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
AL BA ME RS

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